

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	115367	surface near5 roughness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/28 10:08
S2	118071	surface near5 configuration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/28 09:43
S3	1497025	(record\$4 near2 (medium\$2)) or (media\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/28 09:44
S4	5734545	(record\$4 near2 (medium\$2)) or (media\$2) or paper\$2 or page\$2 or sheet\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 11:38
S5	2549	S1 and S2 and S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/28 09:46
S6	234255	brightness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/28 09:47
S7	98058	unevenness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/28 09:47

## EAST Search History

S8	209	S5 and S6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/28 09:47
S9	43	S5 and S6 and S7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/28 10:06
S10	29991	(chang\$3 or difference\$3) near3 (bright\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/28 10:07
S11	29	S5 and S10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/28 10:08
S12	239846	surface near5 rough\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/28 10:08
S13	960	S12 and S10 and S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/28 10:13
S14	0	358/1.1,1.2,1.9,1.12,1.13,1.15,1.18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/28 10:14

## EAST Search History

S15	18134	(358/1.1,1.2,1.9,1.12,1.13,1.15,1.18).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/28 10:15
S16	7	S13 and S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/28 10:20
S17	1942	(358/1.6).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/28 10:21
S18	8745	(347/105,14,101,100,5,16,19).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/28 10:21
S19	28115	S15 or S17 or S18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/28 10:22
S20	15	S19 and S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/28 10:22
S21	6	S19 and S8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/28 10:22

## EAST Search History

S22	3	S19 and S9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/28 10:22
S23	1	S19 and S11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/28 10:23
S24	19	S19 and S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/28 10:26
S25	1	("20040008244").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/28 10:26
S26	1	("5109236").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/30 11:25
S27	680648	(rough\$5 or uneven or bumpy or coarse or shaggy or smooth\$5) near5 (surface\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 11:37
S28	5736099	(record\$4 near2 (medium\$2)) or (media\$2) or paper\$2 or page\$2 or sheet\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 11:39
S29	117555	S27 same S28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 11:40

## EAST Search History

S30	118126	surface near5 configuration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 11:42
S31	30011	(chang\$3 or difference\$3) near3 (bright\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 11:42
S32	966	S27 same S28 same (S31 or S30)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 11:43
S33	65	(S27 same S28 same (S31 or S30)). ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 11:46
S34	290254	(discriminat\$5 or distinct\$5 or differentiat\$5 or distinguish\$5 or discern\$5 or distinctive\$2 or determin\$5) with (S28)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 11:53
S35	42	S34 same S32	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 12:04
S36	2679	(382/108,100).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 12:08

## EAST Search History

S37	315	(356/600).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 12:09
S38	18148	(358/1.1,1.2,1.9,1.12,1.13,1.15,1.18). CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 12:10
S39	1943	(358/1.6).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 12:10
S40	8758	(347/105,14,101,100,5,16,19).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 12:10
S41	31089	S36 or S37 or S38 or S39 or S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 12:10
S42	9	S41 and S32	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 12:12
S43	1	S41 and S33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 12:17

## EAST Search History

S44	4	S41 and S35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 13:20
S45	832	statisti\$5 with brigh\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 13:22
S46	383	statistical with brightness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 13:23
S47	30011	(chang\$3 or difference\$3) near3 (bright\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 13:51
S48	5736099	(record\$4 near2 (medium\$2)) or (media\$2) or paper\$2 or page\$2 or sheet\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 13:26
S49	290254	(discriminat\$5 or distinct\$5 or differentiat\$5 or distinguish\$5 or discern\$5 or distinctive\$2 or determin\$5) with (S48)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 14:04
S50	46	(S45 or S46) and (S47) and S49	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 13:30

## EAST Search History

S51	2679	(382/108,100).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 13:30
S52	315	(356/600).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 13:30
S53	18148	(358/1.1,1.2,1.9,1.12,1.13,1.15,1.18). CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 13:30
S54	1943	(358/1.6).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 13:30
S55	8758	(347/105,14,101,100,5,16,19).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 13:30
S56	31089	S51 or S52 or S53 or S54 or S55	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 13:30
S57	8	S50 and S56	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 15:30



## EAST Search History

S58	1266	(mean near3 value) with brigh\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 13:38
S59	211	peak with histogram with brigh\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 13:39
S60	117	arithmetic with mean with brigh\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 13:40
S61	31002	S47 or S58 or S59 or S60	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 13:41
S62	1666	S61 and S47 and S49	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 13:42
S63	109	S62 and S56	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 13:43
S64	4004	binary with binariz\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 13:44

## EAST Search History

S65	167482	inversion\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 13:44
S66	30979	(run adj length\$3) or (runlength\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 13:46
S67	4665	isolat\$5 near3 pixel\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 13:46
S68	23	(threshold\$3 with binariz\$5) with ((mean with value with brigh\$5) or (brigh\$5 with peak with histogram))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 13:50
S69	502	(chang\$3 or difference\$3) with (plus or minus) with (pixel\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 13:52
S70	10231	(discriminat\$5 or distinct\$5 or differentiat\$5 or distinguish\$5 or discern\$5 or distinctive\$2 or determin\$5) with (S48) with (table\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 13:53
S71	3836	(discriminat\$5 or distinct\$5 or differentiat\$5 or distinguish\$5 or discern\$5 or distinctive\$2 or determin\$5) with (S48) with (threshold\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 13:58

## EAST Search History

S72	31546	S45 or S46 or S47 or S58 or S59 or S60	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 14:02
S73	232813	S47 or S64 or S65 or S66 or S67 or S68 or S69	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 14:04
S74	290254	S49 or S70 or S71	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 14:05
S75	1680	S72 and S73 and S74	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 14:05
S76	110	S75 and S56	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 14:08
S77	64	pixel\$2 with brigh\$5 with peak\$2 with histogram\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 14:10
S78	12	S77 and S49	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 14:12

## EAST Search History

S79	4	S78 and S56	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/30 14:15
S80	1	("6984034").PN.	USPAT	OR	OFF	2007/05/30 15:31
S81	0	("l17ands2").PN.	USPAT	OR	OFF	2007/05/30 15:32
S82	0	S80 and S81	USPAT	OR	OFF	2007/05/30 15:33
S83	239937	surface near5 rough\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 15:33
S84	1	S80 and S83	USPAT	OR	OFF	2007/05/30 15:33
S85	30011	(chang\$3 or difference\$3) near3 (bright\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/30 15:34
S86	1	S80 and S83 and S85	USPAT	OR	OFF	2007/05/30 15:51
S87	129966	uneven\$5	USPAT	OR	OFF	2007/05/30 15:51
S88	1	S86 and S87	USPAT	OR	OFF	2007/05/30 16:23
S89	157	statistical with brightness	USPAT	OR	OFF	2007/05/30 16:24
S90	1	S80 and S89	USPAT	OR	OFF	2007/05/30 16:37
S91	853	chang\$3 with brightness with pixel\$2	USPAT	OR	OFF	2007/05/30 16:38
S92	1	S80 and S91	USPAT	OR	OFF	2007/05/30 16:47
S93	155	brightness with difference with maximum with minimum	USPAT	OR	OFF	2007/05/30 16:48
S94	2	brightness with difference with maximum with minimum with mean with value with arithmetic with mean	USPAT	OR	OFF	2007/05/30 16:51
S95	0	binary with binarizing with inversions with (run adj length) with isolated with pixel\$3	USPAT	OR	OFF	2007/05/30 16:53
S96	1	binary with binarizing with inversions	USPAT	OR	OFF	2007/05/30 17:40
S97	0	binary with binarizing with inversions with (run adj length)	USPAT	OR	OFF	2007/05/30 16:53
S98	1	S80 and table	USPAT	OR	OFF	2007/05/30 17:43
S99	0	S80 and (plural with threshold\$2)	USPAT	OR	OFF	2007/05/30 17:44

## EAST Search History

S10 0	1	S80 and ( threshold\$2)	USPAT	OR	OFF	2007/05/30 17:44
S10 1	1	("6984034").PN.	USPAT	OR	OFF	2007/05/31 18:21
S10 2	0	("l1and(plainwithcoated)").PN.	USPAT	OR	OFF	2007/05/31 18:22
S10 3	1	S101 and (plain with coated)	USPAT	OR	OFF	2007/05/31 18:32
S10 4	1	S101 and (threshold\$2)	USPAT	OR	ON	2007/05/31 18:40
S10 5	0	S101 and (threshold\$2 same glossy)	USPAT	OR	ON	2007/05/31 18:33
S10 6	1	S101 and (one adj dimensional)	USPAT	OR	ON	2007/05/31 18:47
S10 7	1	S101 and (histogram with peak with brightness)	USPAT	OR	ON	2007/05/31 18:48